

# GEORGE ENGELMANN BOTANICAL NOTEBOOKS

*Pagination Note:  
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.*

*Dessertum*  
*Umbellata* var  
*Adonis*

(Enclosed 314 - 316)



0 1 2 3 4 5 6 7 8 9 10  
cm

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



4693

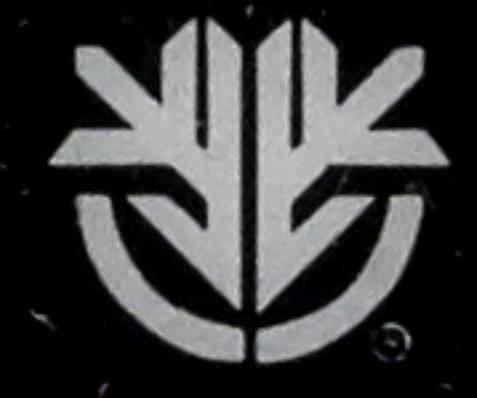
MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

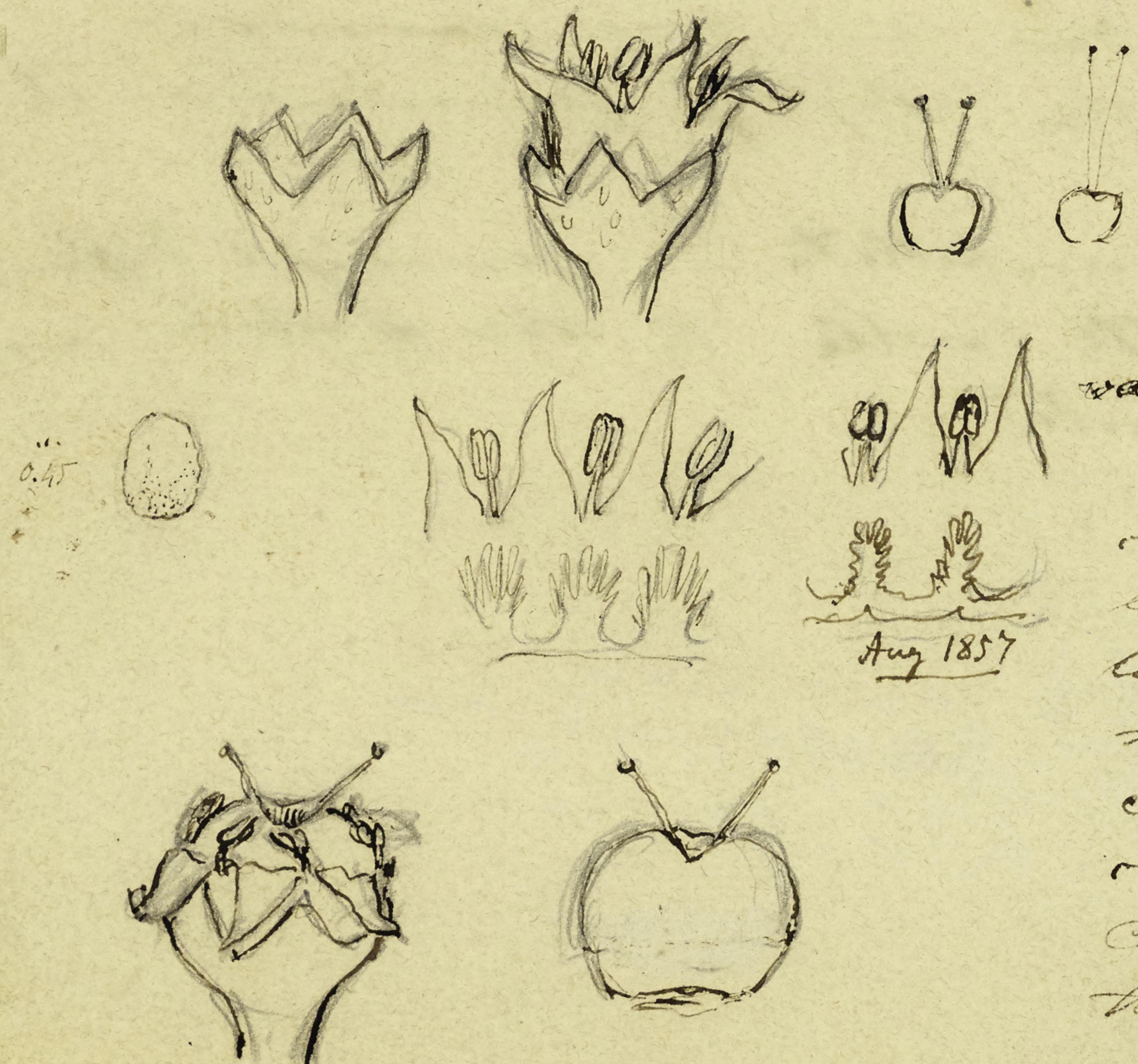
copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



*umbellata* var. *lobis breviflora*



*trilobata* ~~charact.~~  
Cassotto ~~longistylis~~ var.  
2425 Gardner, July 1859  
Confines of Pianky, Brazil  
Prov. Ceara, Brasil  
on Portulaca Hb. Hook 47.a  
Herbarium.

var. ~~tonnieri~~

texture florae tonnieri,  
corolla sinus profunde emarginatus,  
labellum tuba angustius; staminibus  
longioribus, squamae multo curvioribus  
staminibus; capsule  
e corolla exserta, saepe lani-  
cina soissa! —

Can it be a distinct species??.  
The short lobes of corolla except capsule  
small scales seem to indicate this!

ovis



0  
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



Aug 1859 - Spec on Portulaca - Hb. Odontites

some of the flowers have broader and some narrower scales. Laciniae of corolla slightly granular on the edges or revolute.

Very similar to *C. umbellata* - principal difference is in the deep tube of the corolla, the lobes of which are of same lengths or shorter.

MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN PAPERS

4694



0  
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



204

= 60

Hed., Aug. 1857



Jamaica Bromfield  
1857  
on *Hillstroemia*  
and Jamaica Pandie  
on the same  
Ex Herb. Bentham, near Kew.—

This is *C. umbellata*; . pedicels  
are only angular, alxt deeply  
divided, lobes very acute, as long or  
longer than tube of corolla — leaves  
twice as long as tube; scales large — capsule  
ovoid, sessile. — exactly like Gregg's plant  
*fig. 60*



0 1 2 3 4 5 6 7 8 9 10  
cm

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



4695

MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN





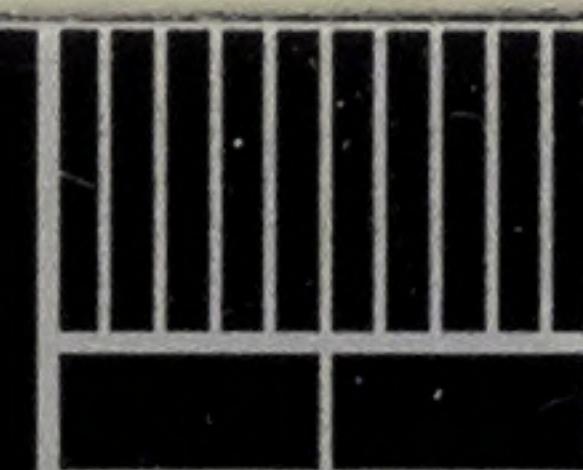
*Cuscuta paniculata*

510

563, Wright, Valley of the Limpia

floribus pedicellatis paniculatis  
onlycis profunde 5 fidi lobis  
lanceolatis cantic tubum molles  
superantes; lobi nisi lanceolatis  
agrestis, lobi canticis super  
paulo iucundis, dorsi granulato-  
asperatus, tubo paulo longioris,  
staminis brevioris, anthers  
canticis platis tenuioris brevioris  
quam magis, magis tanit  
fimbriolatis, ovario grandi, tubo  
replete, styleis tenuibus, apicibus  
capillaris

paperulo corolla ~~digitata~~ <sup>longior</sup> indumento diste non soissa



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved

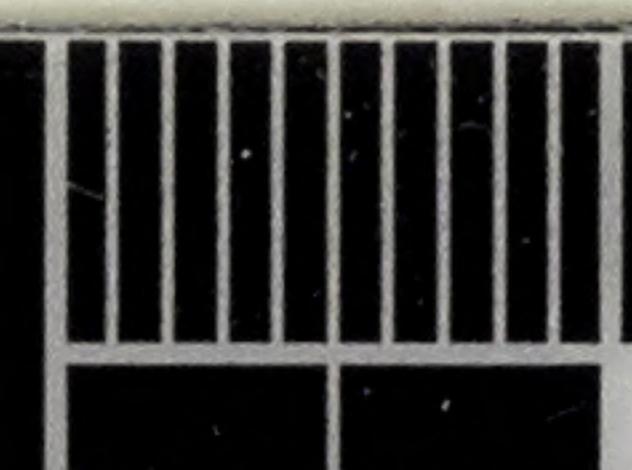


MISSOURI  
BOTANICAL  
GARDEN



4696

MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN PAPERS



0  
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



25, 26 & 39 are Brasilian forms of *C. umbellata*,  
all (?) distinguished by the exsert capsule;  
26 has flowers with more densely glomerate  
flowers and scales large  
25 has small flowers very small, usually  
bifid scales, and very long and narrow  
lobes of the Corolla, but style, short.  
39 has a deeper Corolla shorter lobes,  
scales small, but larger than in the last  
style, long and capillary.



0  
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



4697

MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN PAPERS



0  
cm

1

2

3

4

5

6

7

8

9

10

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



reexamined & drawn male

27/8/59

11/12/59



0.6



1.7

1.8



This is a large flower, clustered  
*C. umbellata*, with very large  
outer calyx, longer than the tube  
of corolla; capsule large  
almost exsert and scarcely not  
conimson ('specimen however  
not ripe').

capsule large, ovary low; infrastylus apertur  
wide; vel. & caps. glabrous



0  
cm

1

2

3

4

5

6

7

8

9

10

copyright reserved

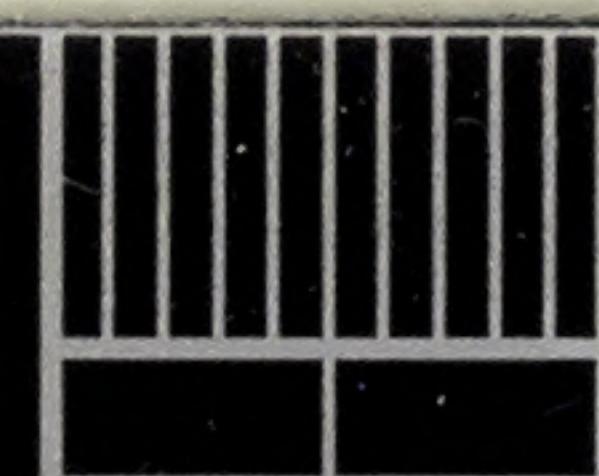


MISSOURI  
BOTANICAL  
GARDEN



4698

MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10  
cm

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



48 C. gracillima n.sp. Mexico, Moray in H. Dlessert  
sub nom. C. subtilis Chac.

(C. foetida Hook & Arn non HBK) Tepic, Mexico  
Cape Beechy

b. Saccharata. (C. Sidarum Libmane & H. Hooker)  
Oaxaca Mexico - H. H.

c. minuta ? Sonora alla Caudex 1010 H. Hook



0  
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



4699

MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



36

C. 150 p. 488

*C. gracillima* n. sp.

299. Mexico H. Gleason by Morley

317 Tepic Berkeley

316 var. *saccharata*

319

(Enclosed 318-322)



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



4700

*C. granillina*

a, *longifila*

Mexico Moneg in hb. Gleenzert  
sub nom *C. subtilis* Chamb.

Tepic, Mexico, Pipe Beechy *C. factid*  
Hector.  
var He.

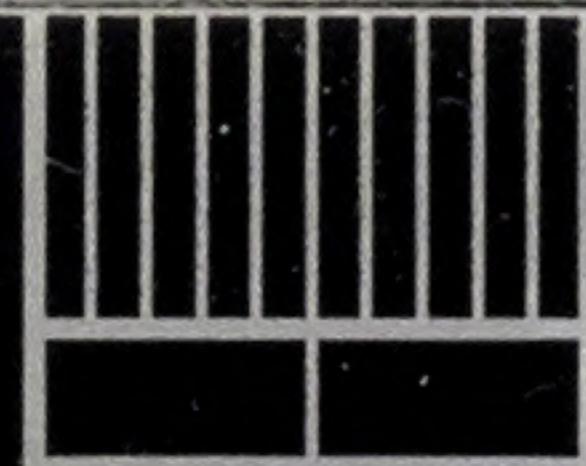
b. *saccharata*

*C. sidarum* L'Hér. in H. Hook,  
Oaxaca, Mexico

~~b. saccharata?~~

Sonam alla, Coulter 1010 \ H. Hook

MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN



var 6

*Cassonta Desertorum* Mark Herb.in *Ochrombergia* (*Tribulus*)  
et *Potulacora*

in prov. Piauhyensis, Brasilia

Mai

Martius leg

*Cantù capillare*

floribus in corymbis paniculatis,  
laxes paniculatis s. umbelliformis  
angustis longe pedicellatis.  
cal. profunde 5-lobo lobis triangulari  
contis tubo ovulæ longioribus  
leonis ovule linearibus acuminatis  
petalis deinceps reflexis tubo lat. capite  
longioribus, staminibus que, ut  
linearibus foliis, subulatis - capillaris  
(Erysimum sp. facilius regatur);  
iguri lobi diumentis; stylis ovulis  
aequalibus, capillaris; capsula magna  
exserta deinceps regulariter rotunda;



0 1 2 3 4 5 6 7 8 9 10  
cm

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN

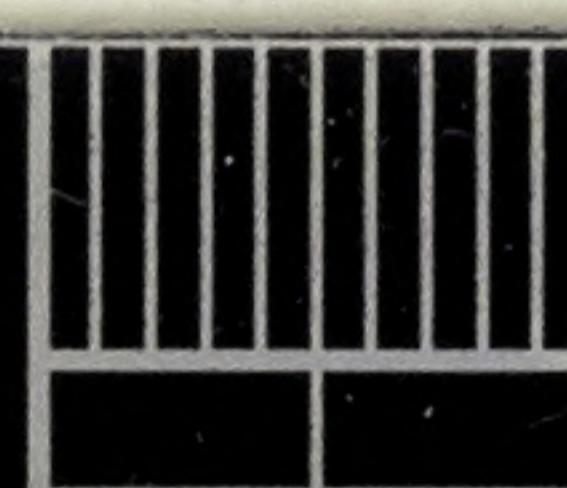


stylos longiora. deorum globosa, apice paucipetala, descripta  
in aliis peristatae fere completas; semina venenosissimum

Very similar to *C. umbellata*, a smaller plant  
with smaller flowers, also I think ident by me  
as fully or if ident., lobes of corolla longer  
slender more acute, scales much smaller  
petals linear (not wide) capsule protruding  
longer (not inclined) or equally long with  
the remaining flower - styles shorter. seed?

MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN PAPERS

470



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI  
BOTANICAL  
GARDEN

